



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DEA/FCE-1994

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/819,669	03/17/97	BOON T	LUD-5253.5-1

NORMAN D HANSON
FELFE & LYNCH
805 THIRD AVENUE
NEW YORK NY 10022

HM22/0512

EXAMINER	
THOMAS CUNNINGHAM	
ART UNIT	PAPER NUMBER
1644	20

DATE MAILED:

05/12/99

Please find below a communication from the EXAMINER in charge of this application

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.

1. The sequence listing does not include SEQ ID NO: 26 as claimed by amended claim 173. The sequence listing only describes SEQ ID NOS: 1-15 (see Amendment E, Paper No. 19 filed 2/5/99).
2. The nucleic acid or amino acid sequences described on pages 39 (antigen E), 49 (lines 11 and 12), 50 (lines 3 and 5), and 51 (lines 7 and 8) are not identified by SEQ ID NO.

APPLICANT IS GIVEN ONE MONTH FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Direct the response to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the response.

Any inquiry concerning this communication from the examiner should be directed to MARTHA LUBET, whose telephone number is (703) 305-7148. Inquiry of a general nature or relating to the status of the application should be directed to the group receptionist whose telephone number is (703) 308-0196.

M. T. Lubet

Christina Chan
CHRISTINA Y. CHAN
SUPERVISORY PATENT EXAMINER
GROUP 1800-1640

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR
AMINO ACID SEQUENCE DISCLOSURES

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with one or more of the requirements of 37 CFR 1.821-1.825 as follows:

1. The sequence listing does not include SEQ ID NO: 26 as claimed by amended claim 173. The sequence listing only describes SEQ ID NOS: 1-15 (see Amendment E, Paper No. 19 filed 2/5/99).
2. The nucleic acid or amino acid sequences described on pages 39 (antigen E), 49 (lines 11 and 12), 50 (lines 3 and 5), and 51 (lines 7 and 8) are not presently identified by SEQ ID NO.

Applicant must provide:

1. A sequence listing which refers to the SEQ ID NOS in the claims, e.g. SEQ ID NO: 26 in claim 173.
2. A sequence listing which refers to the nucleic acid or amino acid sequences described on pages 39 (antigen E), 49 (lines 11 and 12), 50 (lines 3 and 5), and 51 (lines 7 and 8) that are not identified by SEQ ID NO and an amendment to these pages of the specification identifying the recited sequence by SEQ ID NO.

If these sequences are not part of the existing sequence listing then Applicant must provide:

1. A initial substitute computer readable form (CRF) copy of the "Sequence Listing" which includes SEQ ID NOS for the sequences on the designated pages.
2. An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
3. A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).
4. Amendment of the designated pages of the specification to refer to the sequences by SEQ ID NO.

Customer service:

For questions regarding compliance with these requirements, please contact:

For Rules Interpretation, call (703) 308-1123.

For CRF submission help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856.

--PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE--